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GENOME SCIENCES, INC. [US/US]; 9410 Key West  
Avenue, Rockville, MD 20850 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): NI, Jian [CN/US];  
5502 Manorfield Road, Rockville, MD 20853 (US).  
GENTZ, Reiner, L. [DE/US]; 13608 Mount Prospect  
Drive, Rockville, MD 20850 (US). YU, Guo-Liang  
[CN/US]; 242 Gravatt Drive, Berkeley, CA 94705 (US).  
ROSEN, Craig, A. [US/US]; 22400 Rolling Hill Road,  
Laytonsville, MD 20882 (US).

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stein & Fox P.L.L.C., Suite 600, 1100 New York Avenue,  
Washington, DC 20005-3934 (US).

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(54) Title: DEATH DOMAIN CONTAINING RECEPTOR 5

(57) Abstract: The present invention relates to novel Death Domain Containing Receptor-5 (DR5) proteins which are members of the tumor necrosis factor (TNF) receptor family, and have now been shown to bind TRAIL. In particular, isolated nucleic acid molecules are provided encoding the human DR5 proteins. DR5 polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of DR5 activity.